

August 4, 1988

TO: File

FROM: Holland Shepherd, Reclamation Soils Specialist *HS*

RE: Field Visit, Caliham - Sage Mine, Atlas Minerals, M/037/023
San Juan County, Utah

I visited the Caliham - Sage Mine site on August 2, 1988 with Carl Dixon of Atlas Minerals. Atlas is selling the mine to Butt Mining of Monticello, Utah. My visit was made to evaluate the current disturbed acreage, the types of disturbance and discuss the permit transfer with Carl.

The mine site has an actual disturbed acreage of approximately 4.5 acres, compared to 11.3 acres described in the original MRP. The disturbance consists mostly of a large waste dump situated on one side of wide wash. The dump slopes, some 10 to 15 feet in height, are at an angle of repose. There are several facilities on site, and one portal on the southwest end of the dump. No topsoil has been saved at the site, which will make reclamation difficult. An ephemeral stream runs along the north border of the waste dump, which will make grading the dump slopes to, at least, a 2:1 a problem. *→ SAGE SITE ONLY*

One borehole exists at the Sage and is located on flat area on top of a hill about 1/4 mile from the main mine site. The borehole disturbance is football field in size and shape. The disturbance has, for the most part, revegetated itself. Wooden debris from trees pushed aside, for construction of the borehole, has been ricked along the sides of the disturbance. These could be pushed back and spread out at final reclamation.

At final reclamation, it should be suggested to the operator to borrow topsoil material from a nearby area, of alluvial deposition, to cover the waste dump material. The waste dump material is composed of a light gray, very gravelly clay loam, no doubt high in salts, which will be difficult to revegetate.

Frank Filas re-evaluated the bond for \$16,400. This bond is as low as the Division can allow unless the new operator reclaims some more before bonding.

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Caliham - Sage Mine, Field Visit

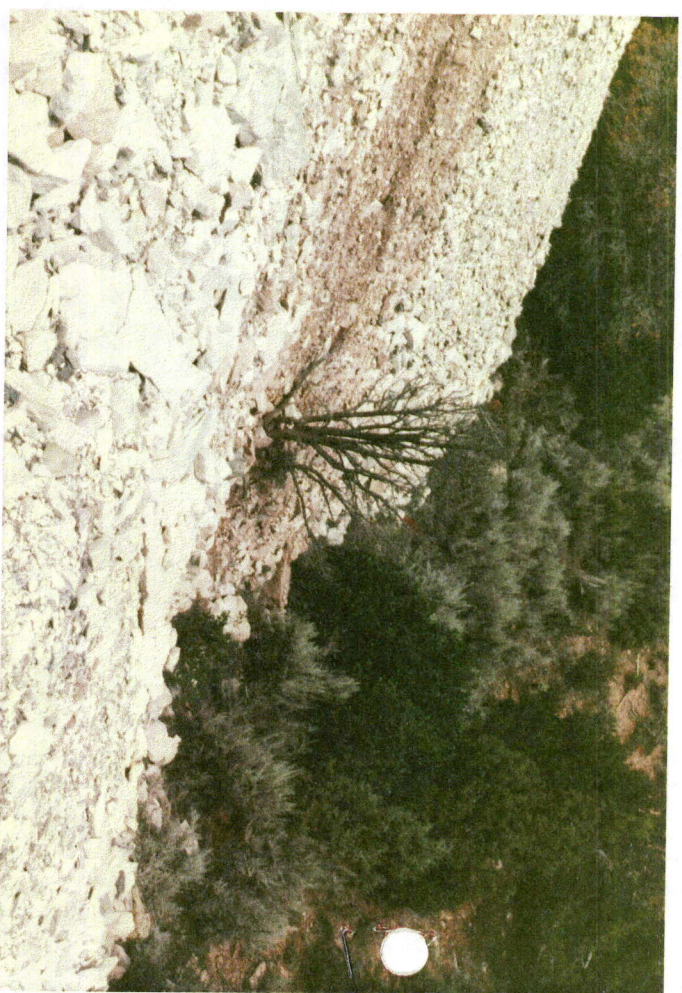
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I spoke with Jim Butt of Butt Mining, on August 5, 1988, about the particulars involved in a permit transfer. We also discussed the Goneaway Mine. A site which Jim Butt mined, but never permitted with the State. I indicated to Mr. Butt that, if he were willing to do something at the Goneaway, in terms of reclamation, the Division would take into consideration releasing the Sage bond back to him once an SMO could be filed.

I have sent all the necessary forms and specific information to Mr. Butt to affect the permit transfer.

jb

5/17-18



Sage Mine M/037/023

8-2-88

Waste pile covering area were
topsoil has not been removed.

Sage Mine M/037/023

8-2-88

Looking southeast at mine
facilities and waste pile.

Looking east at outcrops of
waste pile infringing onto creek bed

Looking
down stream from bridge

88-4-8

88-6-8

Sage Mine M/037/023

Sage Mine M/037/023